

Abstract

Passive microphone with wireless transmission

The present invention relates to a passive microphone (1) for wirelessly transmitting sound information to a receiving unit (6), comprising a piezoelectric device (4) for receiving and storing excitation energy from the receiving unit (6) and for wirelessly transmitting electrical signals, converted from detected acoustic signals, to the receiving unit 6. Constructing the microphone (1) according to the invention as a passive component, i.e. without its own power supply, provides for a lightweight and, at the same time, rugged construction which results in considerable advantages, particularly in telephone applications.

(Figure 1)

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